

NOT SPECIFIED /OTHER

## AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 2

2. AMENDMENT/MODIFICATION NO.

132

3. EFFECTIVE DATE

04/27/2010

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

00701

7. ADMINISTERED BY (If other than Item 6)

CODE

00701

Idaho Operations  
U.S. Department of Energy  
Idaho Operations  
1955 Fremont Avenue  
Idaho Falls ID 83415

Idaho Operations  
U.S. Department of Energy  
Idaho Operations  
1955 Fremont Avenue  
MS 1221  
Idaho Falls ID 83415

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

CH2M WG IDAHO LLC  
Attn: Michael D. Ebben  
151 NORTH RIDGE AVENUE  
SUITE 150  
IDAHO FALLS ID 834024039

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.  
DE-AC07-05ID14516

10B. DATED (SEE ITEM 13)

03/23/2005

CODE 166527569

FACILITY CODE

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

## 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

X

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

I.81 FAR 52.243-2 Changes/Cost Reimbursement (8/87) &amp; Alt I (4/84)

D. OTHER (Specify type of modification and authority)

## E. IMPORTANT:

Contractor

☐ is not.☒ is required to sign this document and return: 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including Solicitation/contract subject matter where feasible.)

Tax ID Number: 05-0607601

DUNS Number: 166527569

Removal of unnecessary references to the Waste Isolation Pilot Project (WIPP).

Subj to Retent: NO

Delivery Location Code: 00701

Idaho Operations

U.S. Department of Energy

Idaho Operations

1955 Fremont Avenue

Idaho Falls ID 83415 US

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Michael D. Ebben, Vice President

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Maria M. Mitchell

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

4/29/10

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

04/27/2010

(Signature of person authorized to sign)

(Signature of Contracting Officer)

NSN 7540-01-152/8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA  
FAR (48 CFR) 53.243

NOT SPECIFIED /OTHER

NAME OF OFFEROR OR CONTRACTOR  
CH2M WG IDAHO LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination Period of Performance: 03/23/2005 to 09/30/2012  Change Item 00001 to read as follows (amount shown is the total amount):				
00001	IDAHO CLEANUP PROJECT AT THE INL Line item value is: \$3,022,470,716.00 Incrementally Funded Amount: \$2,291,917,116.94  Refer to Continuation Pages which are incorporated as part of this modification.  Change Item 00002 to read as follows (amount shown is the total amount):				3,022,470,716.00
00002	B.5 Items Not Included in Target Cost Line item value is: \$418,376,728.24 Incrementally Funded Amount: \$418,376,728.24  No change with Modification 132.				418,376,728.24

The purpose of this modification is to remove unnecessary references to the Waste Isolation Pilot Project (WIPP). The contract is modified as follows:

1. **Section C - C.2 IDAHO NUCLEAR TECHNOLOGY AND ENGINEERING CENTER (INTEC)** is modified as follows:

The Idaho Nuclear Technology and Engineering Center (INTEC) (formerly the Idaho Chemical Processing Plant [ICPP]) is situated on 210 acres within a perimeter fence and approximately 55 acres located outside the fence. INTEC was built in the 1950s to reprocess SNF to recover uranium and krypton gas. INTEC consists of 290 facilities (approximately 1.2 million square feet) and two active CERCLA OUs.

The end state for INTEC under this contract is the following:

- Demolish or disposition all excess facilities
- Design, construct, and operate a treatment facility for liquid SBW \*
- Provide interim storage of steam reformed product generated during the term of the contract
- Empty and disposition all Tank Farm Facility waste tanks\*
- Place all EM SNF in safe dry storage
- Deactivate EM SNF wet storage basins (CPP-603)
- Dispose or disposition all excess nuclear material
- Complete all VCO tank system actions
- Complete all required OU 3-13 remediation, including CERCLA Tank Farm Interim Action
- Maintain and operate the ICDF

*\* In light of the legal uncertainty, all work under paragraph C.2.4.3 and the stabilization and disposal of residual solids and the in-place closure of the tank farm per Section C.2.8.1 shall require specific authorization by DOE.*

After contract completion the following cleanup work will remain:

- Continued interim storage of treated SBW, and shipment to a repository upon identification and regulatory acceptance
- Cleaning and disposition Tank Farm Facility waste tanks and associated vaults and ancillary equipment
- Retrieval, packaging and off-site shipment of 4,440m<sup>3</sup> of existing high level waste (HLW) calcine
- Completion of OU 3-14 remediation and documentation
- Demolition of remaining INTEC buildings and structures
- Continued operation and closure of ICDF
- Packaging and transport of SNF to repository

2. **Section C - C.2.4.3 Sodium Bearing Waste\*** is modified as follows:

There are approximately 1,000,000 gallons of SBW in underground stainless steel tanks as described in Exhibit C.6 and summarized in Table C.1 below. A complete description of the SBW characteristics can be found in "*Feed Composition for the Sodium Bearing Waste Treatment Process*", INEEL/EXT-2000-01378, Revision 3 (September, 2003). Engineering Design files and reports for SBW treatment are available at [www.id.doe.gov/doeid/rfpsharedlibrary/refdoc.htm](http://www.id.doe.gov/doeid/rfpsharedlibrary/refdoc.htm).

The contractor shall conduct all necessary activities and provide all associated deliverables to enable DOE to issue a ROD for the *Idaho High-Level Waste & Facilities Disposition Final Environmental Impact Statement, September 2002* (HLW EIS) on SBW Treatment that would allow implementation of the preferred alternative of treating the SBW.

The contractor shall design and construct its SBW treatment and packaging facility to enable the conversion to treat the waste for alternate waste disposal at an alternate geologic repository for SNF/HLW, if needed. Additional pilot plant testing shall be performed to evaluate waste form performance relative to the high-level waste acceptance criteria of the geologic repository for SNF/HLW. The SBW facility will also be constructed so it could be converted for calcine treatment if needed. This includes improvements in process cell structural and seismic protection to meeting safety significant, performance category 3 (PC-3) design criteria, as required. The Total Project Cost for the project is \$570.9M.

The contractor shall obtain approval to commence operations (CD-4) no later than July 31, 2011. The treatment and packaging of liquid SBW will be completed by September 30, 2012 to enable the DOE to meet its regulatory commitments to remove all liquid waste from the underground tanks and treat the SBW by December 31, 2012. To address the current uncertainties in obtaining regulatory approvals for final disposal of the treated waste, the facility shall be designed and constructed to allow interim storage of all treated material by September 30, 2012, with the necessary equipment and commodities (i.e., product vessels and storage modules) to allow continued interim storage during the follow-on contract transition period. The contractor shall design and construct its SBW packaging facility with the capability for future packaging and shipping of the existing HLW calcine to the geologic repository for SNF/HLW per Section C.2.8.2. *Additionally, in light of the legal uncertainty about classification of this waste, the contractor shall provide an alternative technical approach to prepare this waste for disposal as HLW in the geologic repository for spent fuel/HLW, which DOE may implement instead if it concludes that it is prevented from classifying this waste as other than HLW.*

During SBW treatment operations, the contractor shall avoid or minimize generation of secondary wastes and/or ensure that any secondary waste has a disposition path and is disposed of, considering overall risk reduction. Residual solids are those that remain in the tanks after tank cleaning, and meet the RCRA closure plans and performance assessments for final tank farm closure. The contractor shall stabilize the residual solids as part of the final tank farm closure process described in Section C.2.8.1.

No new liquid waste will be added to tanks WM 187 through 190, except flushing liquid and grout during the cleaning and closure process.

- *In light of the legal uncertainty, all work under paragraph C.2.4.3 and the stabilization and disposal of residual solids and the in-place closure of the tank farm per Section C.2.8.1 shall require specific authorization by DOE.*